Fig. 1

SEQ ID NO: 1

GCCAAGAGTCCGCAGGATGCAGTGGACGAAGGTGTTGGGGCTGGGGCTGGGG

GCTGCTGCCCTCTTGGGGCTGGGGATCATCCTCGGCCACTTTGCCATCCCCA

AAAAGCCAACTCACTGGCCCCCCAGGACCTGGACCTGGAGATCCTGGAGAC

CGTCATGGGGCAGCTGGATGCCCACAGGATCCGGGAGAACCTCAGAGAACTC

TCCAGGGAGCCACACCTGGCCTCCAGCCCTCGGGATGAGGACCTGGTGCAGC

TGCTGCTGCAGCGCTGGAAGGACCCAGAGTCAGGCCTGGACTCGGCCGAGGC

CTNCACGTACGAAGTGCTGCTGTCCTTCCCTAGCCAGGAGCAGCCCAACGTC

GTGGACATCGTGGGCCCCACTGGGGGCATCATCCACTCCTGCCACCGGACTG

AGGAGAACGTGACCGGGGAGCAAGGGGGGCCAGATGTGGTACAACCCTATGC

TGCCTATGCTCCTTCTGGAACCCCACAGGGCCTCCTCGTCTATGCCAACCGG

GGCGCGGAAGAAGACTTTAAGGAGCTACAGACTCAGGGCATCAAACTTGAAG

GCACCATTGCCCTGACTCGATATGGGGGTGTAGGGCGTGGGGCCAAGGCTGT

GAACGCTGCCAAGCACGGGGTAGCTGGGGTGCTGGTGTACACAGACCCTGCC

GACATCAACGATGGGCTGAGCTCACCCGACGAAACCTTTCCCAACTCCTGGT

ACCTGCCCCCCTCAGGAGTGGAGCGAGGCTCCTACTACGAGTATTTTGGGGA

CCCTCTGACTCCCTACCTTCCAGCCGTCCCCTCTTCCTTCCGCGTGGACCTT

GCCAATGTCTCCGGATTTCCCCCAATTCCTACACAGCCCATTGGCTTCCAGG

ATGCAAGAGACCTGCTCTGTAACCTCAACGGAACTTTGGCCCCAGCCACCTG

GCAGGGAGCACTGGGCTGCCACTACAGGTTGGGTCCCGGCTTCCGGCCTGAC

GGAGACTTCCCAGCAGACAGCCAGGTGAATGTGAGCGTCTACAACCGCCTGG

AGCTGAGGAACTCTTCCAACGTCCTGGGCATCATCCGTGGGGCTGTGGAGCC

TGATCGCTACGTGCTGTATGGGAACCACCGAGACAGCTGGGTGCACGGGGCT

GTGGACCCCAGCAGTGGCACCGCCGTCCTCCTGGAGCTCTCCCGTGTCCTGG

GGACCCTGCTGAAGAAGGGCACCTGGCGTCCTCGCAGATCAATCGTGTTTGC

GAGCTGGGGGGCTGAGGAGTTTGGGCTCATTGGCTCCACGGAATTCACAGAA

GAGTTCTTCAACAAGCTGCAGGAGCGCACGGTGGCCTACATCAACGTGGACA

TCTCGGTGTTTGCCAACGCTACCCTTAGGGTGCAGGGGACGCCCCCTGTCCA

GAGCGTCGTCTTCTCTGCAACCAAAGAGATCCGCTCACCAGGCCCTGGCGAC

CTGAGCATCTACGACAACTGGATCCGGTACTTCAACCGCAGCAGCCCGGTGT

ACGGCCTGGTCCCCAGCTTGGGTTCTCTGGGTGCTGGCAGCGACTATGCACC
CTTCGTTCACTTCCTGGGCATCTCCTCCATGGACATTGCCTATACCTATGAC
CGGAGCAAGACTTCAGCCAGGATCTACCCCACCTACCACACAGCCTTTGACA
CCTTTGACTATGTGGACAAGTTTTTGGACCCGGGCTTCAGCAGCCATCAGGC
TGTGGCCCGGACAGCGGGGAGTGTGATTCTCCGGCTCAGTGACAGCTTCTTC
CTGCCCCTCAAAGTCAGTGACTACAGTGAGACACTCCGCAGCTTCCTGCAGG
CAGCCCAGCAAGATCTTGGGGCCCTGCTGGAGCAGCACAGCATCAGCCTGGG
GCCTCTGGTGACTGCAGTGGAGAAGTTTGAGGCAGAAGCTGCAGCCTTGGGC
CAACGCATATCAACACTGCAGAAGGGCAGCCCTGACCCCCTGCAGGTCCGGA
TGCTCAATGACCAGTTGATGCTCTTGGAACGGACCTTTCTGAACCCTAGAGC
CTTCCCAGAGGAACGCTACTACAGCCATGTGCTCTGGGCACCTTCGCACGGG
CTCCGTAGTCACATTCCGGGGCTATCCAATGCCTGCTCCAGGGCCAGGGACA
CAGCTTCTGGATCTGAAGCTTGGGCTGAGGTCCAGAGACAGCTCAGCATTGT
GGTGACAGCCCTGGAGGGTGCGGCAGCCACCCTGAGGCCTGTGGCTGACCTC
TGACCCCAGCCCTCTTTCTTCAGCCCTCCCTTTACTCCGGTGCTTTATATTT
ACAAAGTGCTTTGTGTTTTTTAAAAGTCTTTT

Fig. 2

SEQ ID NO: 2

MQWTKVLGLGLGAAALLGLGIILGHFAIPKKANSLAPQDLDLEILETVMGQLDAHR

IRENLRELSREPHLASSPRDEDLVQLLLQRWKDPESGLDSAEAXTYEVLLSFPSQEQ

PNVVDIVGPTGGIIHSCHRTEENVTGEQGGPDVVQPYAAYAPSGTPQGLLVYANR

GAEEDFKELQTQGIKLEGTIALTRYGGVGRGAKAVNAAKHGVAGVLVYTDPADIN

DGLSSPDETFPNSWYLPPSGVERGSYYEYFGDPLTPYLPAVPSSFRVDLANVSGFPP

IPTQPIGFQDARDLLCNLNGTLAPATWQGALGCHYRLGPGFRPDGDFPADSQVNVS.

VYNRLELRNSSNVLGIIRGAVEPDRYVLYGNHRDSWVHGAVDPSSGTAVLLELSR

VLGTLLKKGTWRPRRSIVFASWGAEEFGLIGSTEFTEEFFNKLQERTVAYINVDISV

FANATLRVQGTPPVQSVVFSATKEIRSPGPGDLSIYDNWIRYFNRSSPVYGLVPSLG

SLGAGSDYAPFVHFLGISSMDIAYTYDRSKTSARIYPTYHTAFDTFDYVDKFLDPGF

SSHQAVARTAGSVILRLSDSFFLPLKVSDYSETLRSFLQAAQQDLGALLEQHSISLGP

LVTAVEKFEAEAAALGQRISTLQKGSPDPLQVRMLNDQLMLLERTFLNPRAFPEER

YYSHVLWAPSHGLRSHIPGLSNACSRARDTASGSEAWAEVQRQLSIVVTALEGAA

ATLRPVADL

Fig. 3

SEQ ID NO: 3

5'-ctggaaggacccagagtcag-3'

Fig. 4

SEQ ID NO: 4

5'-tagggaaggacagcagcact-3'

Fig. 5

SEQ ID NO: 5

5'-ctggactcggccgaggcct-3'